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Our File No. 9281/4578

Client Reference No. N US02051

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Atsushi Magara)
Serial No. To Be Assigned)
Filing Date: Herewith)
For Rotary Head with Small Output)
Difference and Tape-Medium,)
Recording and playback Apparatus)
Using the Same)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

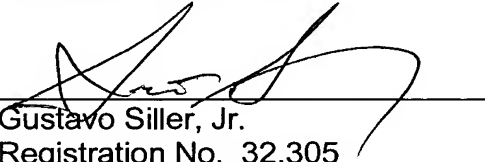
Japanese Unexamined Patent Application Publication No. 5-290338 discloses an azimuth recording operation..

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest this reference as prior art against the present application, and Applicant does not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicant's invention or that this reference makes Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicant respectfully requests that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



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